

ABSTRACT OF THE INVENTION

2

3 The present invention provides devices, systems, assemblies, and methods intended
4 for the introduction and sutureless juncture of a prepared communication channel to the
5 interior spatial volume of a blood vessel or a hollow organ within a living subject. The
6 introducer assembly and system is functional and suitable as a complete substitute and
7 replacement for conventionally used apparatus and methods for performing vascular bypass
8 graft surgery in order to overcome an obstruction in a major artery or vein in-vivo. The
9 introducer assembly and system is also most appropriate for use in providing penetration
10 and juncture of a tubular conduit for use as an access duct in order to drain materials from
11 or introduce fluids into the interior spatial volume of a hollow organ in-vivo.

12